

# Product User Manual

Item #	Description	Parameter	
1	Name	RF Remote control	
2	Mode	433MHZ	
3	Ambient temperature	0~50°C	
4	Relative humidity	<90%	
5	Atmospheric pressure	86~106 Kpa	
6	Ambient light illumination	natural light or fluorescent lamp 200±50LX	
7	Housing material	ABS	
8	Sample color	black	
9	Power supply	2.4V-3.6V-CR2025	
10	Transmit carrier test	433.92MHZ ±200KHZ	
11	Operation frequency	433.8MHz	
12	Infrared Wavelength	940±50nm	
13	Carrier frequency	37.2±0.5KHZ	37.78KHZ
14	Vibrator frequency	455KHZ±0.5%	455KHZ
15	Working current	0.5mA≤I≤22mA	Voltage range: 2.4V~3.6V
16	Quiescent current	I2≤3UA	1UA
17	Operating voltage range	2.4V~3.6V	3.0V
18	0°operating distance	L≥10m	
19	X、Y axle 35°	L≥6m	Center line is 0°.
20	Key free height	≤1mm	
21	Key height after function	≥0.5mm	
22	Key acting force	Big key:180±30gf, Small key:150±30gf	
23	Key load life	≥60,000 times	
24	Freedom drop test	From height 80cm, drop freely the remote control from one angle, three edges and six sides separately on the wooden floor, the min thickness of the wooden floor is 3cm, drop the RM one circle.	Function test result is okay, no broken finding for the housing, the battery cover does not fall off.
25	Static environmental testing	±15KV	
26	High temp. storage test	80°C	
27	Low temp. storage test	-20°C	
28	steady-state damp heat test	40°C ;relative humidity:90±2%	

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28	Product Diagram	 <p>The diagram illustrates the product components. On the left is a remote control with a power button, mode selection buttons (AUTO, M/B), and a grid of 15 color-coded buttons (red, green, blue, yellow, orange, purple, pink, teal, and two white). In the center is a battery compartment labeled 'CR2025 3V' with an 'OPEN' and 'PUSH' indicator. On the right is a numeric keypad with 15 buttons labeled 01 through 0F, 10 through 15, and a '滚动码' (scroll code) button.</p>
29	Warning:	<p>This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.</p> <p>Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.</p> <p>NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation.</p> <p>If this equipment does cause harmful interference to radio or television reception which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:</p> <ul style="list-style-type: none"> <li>--Reorient or relocate the receiving antenna.</li> <li>-- Increase the separation between the equipment and receiver</li> <li>--Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.</li> <li>--Consult the dealer or an experienced radio/TV technician for help</li> </ul> <p>NOTE: This device and its antenna(s) must not be co-located or operation in conjunction with any other antenna or transmitter</p>